WRCC Data and Climate Activities and Interactions with the National Park Service

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Western Regional Climate Center



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Site Map

Historical Climate Information

Evaporation Data; Coastal Water Table; etc.

WRCC Projects

El Nino & La Nina; CEMP; WET; BLM RAWS; Current Weather Plots; Photo Gallery; Webcam; etc.

More Climate Information

Pricing and Formats; Solar Radiation (U of Oregon); Sunrise/Sunset Information (USNO); Divisional Climate Plots; etc.

Non-WRCC Climate Resources

National Climatic Data Center, Climate Prediction Center, National Drought Mitigation Center; CEFA; etc.

Current Observations and Forecasts

Western U.S. Historical Summaries; Precipitation Maps; Station Inventories; Wind and Nat'l Weather Service Current and Past 24-hour Reports; Snotel; Climate Prediction Center Outlooks; Satellite and Radar Imagery; etc.

Climate Monitoring

Anomalies (Snotel & Airports); SPI; Product List; WGA data and information; etc.

Educational and Travel Pages

Terms; More about Weather and Climate - for teachers and kids! Climate for resorts and Nat'l parks around the West.

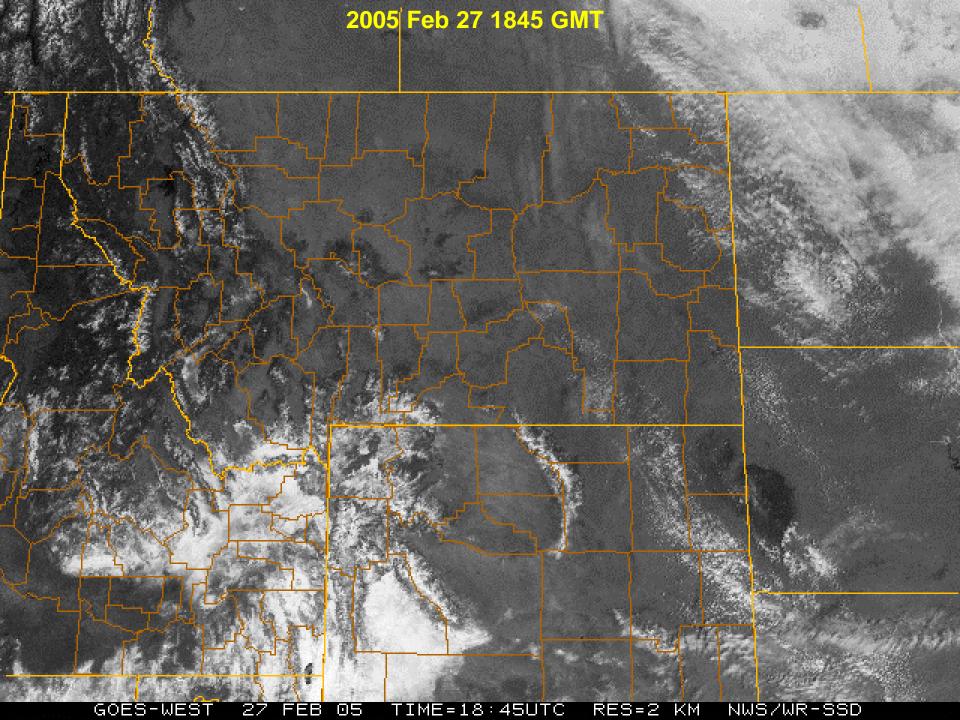
About the WRCC

Staff; Funding; Overview of WRCC; DRI Home Page; INTERNAL; etc.

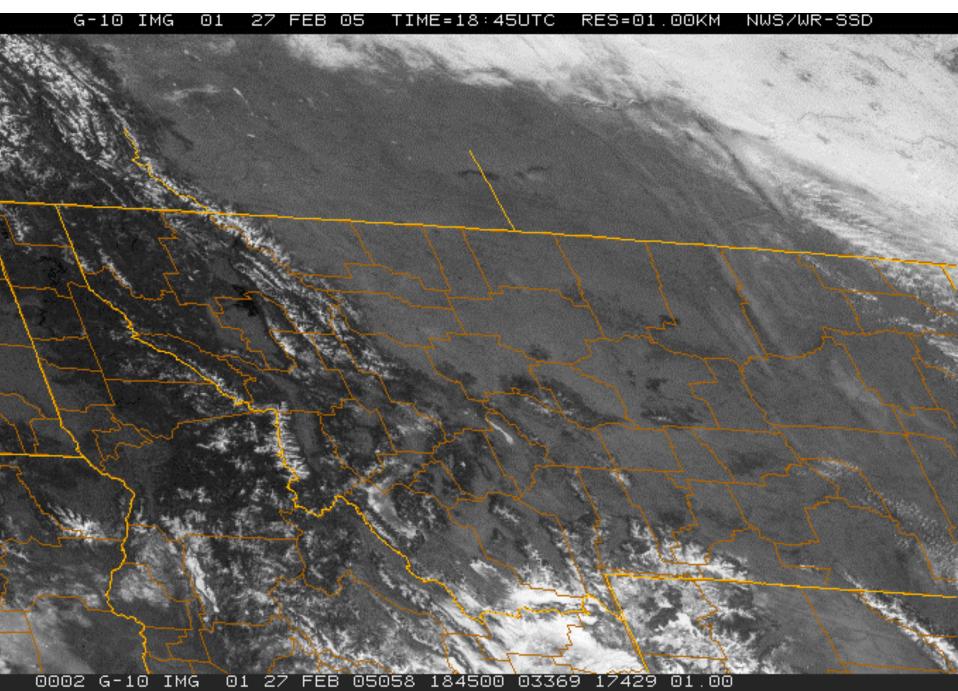
WRCC Supports a Three-Partner National Climate Services Program - the Partners Include: National Climatic Data Center (NCDC), Regional Climate Centers (RCC's), and State Climate Offices.

This is the new WRCC web page, you can still go to the old WRCC home page.

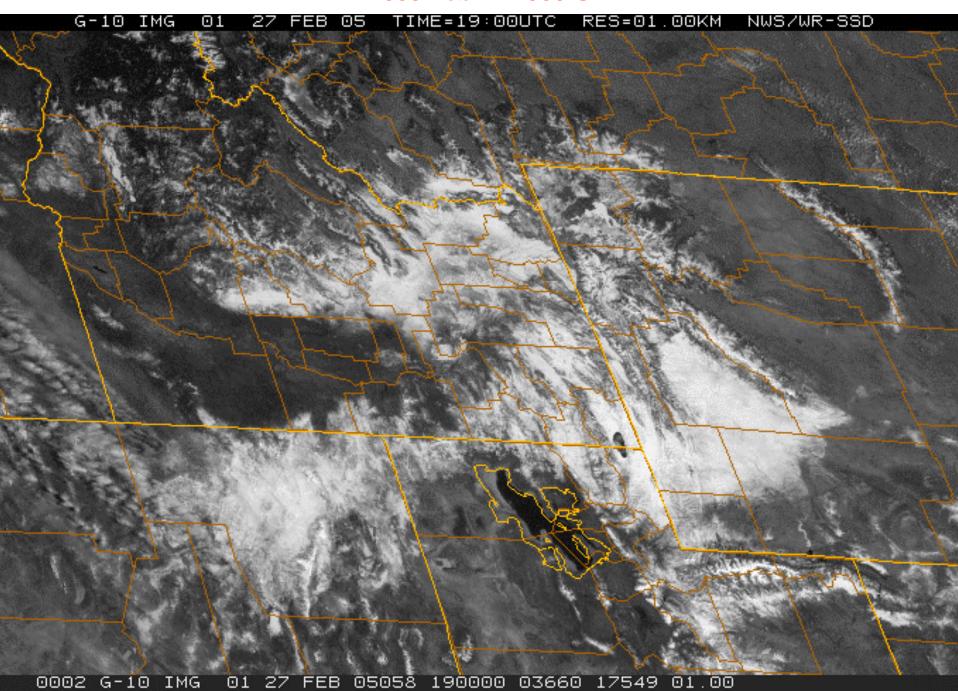
A busy web site ... approximately 100,000 accesses per day, and about 100 Mb per day of data / products.



2005 Feb 27 1845 GMT



2005 Feb 27 1900 GMT



Western Regional Climate Center

WRCC Projects

Climate Information Current Observations Projects Monitoring More Info Educational & Travel More Sources About us BACK TO HOME PAGE



S. Nevada Community Environmental Monitoring Project (CEMP)

Data Monitoring Stations surrounding the NV test site.



Wind Energy Assessment for Nevada Nevada Wind Study Towers.



RAWS Data
Summaries, Graphs, and other products for RAWS.



Rodeo-Chediski BAER RAWS stations
Raws Stations in the Rodeo-Chediski fire area.



Current Weather Data Plots
Current Data Plots



Photo Galley of the Western States: <u>Landscapes; Sunrise, Sunset and Lunar; a</u>nd <u>Misc.</u>



El Nino/La Nina and the Western US, Alaska and Hawaii Information regarding El Nino and La Nina.



Yucca Mountain Climate Data Project
Climate Data from Yucca Mountain, Nevada.



Washoe Evapotranspiration Project (WET)

Weather Stations that Monitor Evapotranspiration Rates.



Channel Islands N.P.RAWS

RAWS Stations in the Channel Islands N.P., California.



Crater Lake N.P. Monitoring

Monitoring Stations in Crater Lake N.P., Oregon.



Yosemite N.P. Monitoring

Monitoring Stations in Yosemite N.P.



Current Webcam View from DRI-NNSC

View from the WRCC office



Snotel Data

Listings, Narratives, Maps and Station Conditions



California Climate Data Archive

California Climate Information and Data (Scripps and CEC)



Nevada Test Site /NOAA/ARL/SORD/ MEDA Data Project

Climate Data from Nevada Test Site.

NIFC Fire RAWS projects

Inactive Data Collection projects



Los Alamos - Cerro Grande Fire (BLM RAWS)

RAWS Stations in New Mexico.



<u>Columbia Shuttle Recovery RAWS</u>

Raws Station in Eastern Texas.



Hot Creek Fire RAWS stations

Raws Stations in the Hot Creek Fire (2003) fire area.



Canyon Creek Fire RAWS stations

Raws Stations in the Canyon Creek Fire (2003) fire area.



Slims Fire RAWS stations

Raws Stations in the Slims Fire (2003) fire area.



Robert Fire RAWS stations

Raws Stations in the Robert Fire (2003) fire area.



Fish Creek - Mineral Primm - Black Mtn Fire RAWS stations

Raws Stations in the Fish Creek - Mineral Primm - Black Mtn Fire (2003) fire areas



Cherry Creek Fire RAWS stations

Raws Stations in the Cherry Creek Fire (2003) fire area.



Cathedral Fire RAWS stations

Raws Stations in the Cathedral Fire (2003) fire area.



Booth Fire RAWS stations

Raws Stations in the Booth Fire (2003) fire area.



World Trade Center Recovery-Environmental Monitoring RAWS

Raws Stations in the WTC Area.



Fawn Peak Fire RAWS stations

Raws Stations in the Fawn Peak Fire (2003) fire area.



N. Bighorn Complex Fire RAWS stations

Raws Stations in the N. Bighorn Complex Fire (2003) fire areas.



Wedge Canyon and Trapper Creek Fire RAWS stations

Raws Stations in the Wedge Canyon Fire and Trapper Creek Fire (2003) fire areas.



Marble and North Fork Lick Fire RAWS stations

Raws Stations in the Marble and North Fork Lick Fire (2003) fire areas.



Beaver Lake Fire RAWS stations

Raws Stations in the Beaver Lake Fire (2003) fire areas.



Crazy Horse Fire RAWS stations

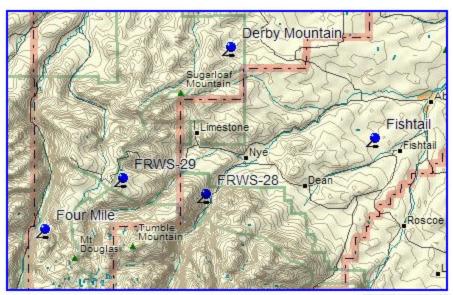
Raws Stations in the Crazy Horse Fire (2003) fire areas.



Burnt Ridge Complex Fire RAWS stations

Raws Stations in the Burnt Ridge Complex Fire (2003) fire areas.

Cathedral Fire RAWS Stations



Map Courtesy of

Click on site of interest for more information.

Data is subject to review and verification.

Cooperating Agencies:











Western Regional Climate Center

WRCC NPS Projects

Climate Information Current Observations Projects Monitoring More Info Educational & Travel More Sources About us BACK TO HOME PAGE



Aniakchak N.M. Monitoring

Climate Monitoring stations in Aniakchak National Monument and Preserve, Alas



Channel Islands N.P.RAWS

Climate Monitoring Stations in the Channel Islands N.P., California.



Katmai N.P. Monitoring

Climate Monitoring stations in Katmai National Park and Preserve, Alaska.



Crater Lake N.P. Monitoring

Climate Monitoring Stations in Crater Lake N.P., Oregon.



Kenai Fjords N.P. Monitoring

Climate Monitoring stations in Kenai Fjords National Park, Alaska.



Yosemite N.P. Monitoring

Climate Monitoring Stations in Yosemite N.P., California.



Lake Clark N.P. Monitoring

Climate Monitoring stations in Lake Clark National Park and Preserve, Alaska.



<u> Wrangell-St. Elias N.P. Monitoring</u>

Climate Monitoring stations in Wrangell-St. Elias National Park, Alaska.



Denali N.P. Monitoring

Climate Monitoring stations in Denali National Park and Preserve, Alaska.



Yukon-Charley Rivers N.P. Monitoring

Climate Monitoring stations in Yukon-Charley Rivers National Preserve, Alaska.



Channel Island National Park Stations

RAWS/NDBC Buoy/Manual Ranger Stations

Recent web page changes:

· Composite Daily Summaries added. (Link found below the map.)



Click on site of interest for more information.

Data is subject to review and verification.

Channel Island National Park Stations

RAWS/NDBC Buoy/Manual Ranger Stations

Recent web page changes:

Composite Daily Summaries added. (Link found below the map.)



Click on site of interest for more information.

Data is subject to review and verification.

Composite Daily Summaries

Historical Climate Data

Anacapa Island
Santa Barbara Island
Santa Cruz Island
San Miguel Island
Santa Rosa Island

Cooperating Agencies:



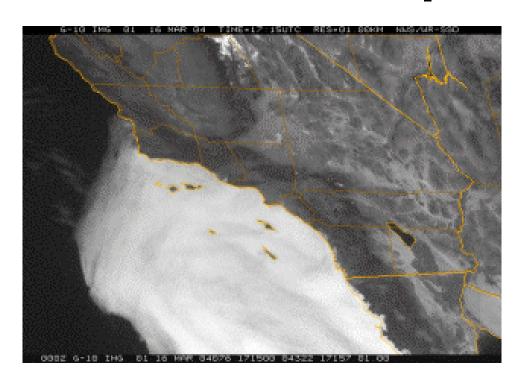








Channel Islands National Park: Design Considerations for Weather and Climate Monitoring



Kelly Redmond Greg McCurdy

Report WRCC 05-02 February 2005

Western Regional Climate Center
Desert Research Institute
2215 Raggio Parkway
Reno Nevada 89512-1095

Climate Monitoring for Southwest Alaska National Parks: Network Design and Site Selection



Kelly T. Redmond David B. Simeral Greg D. McCurdy

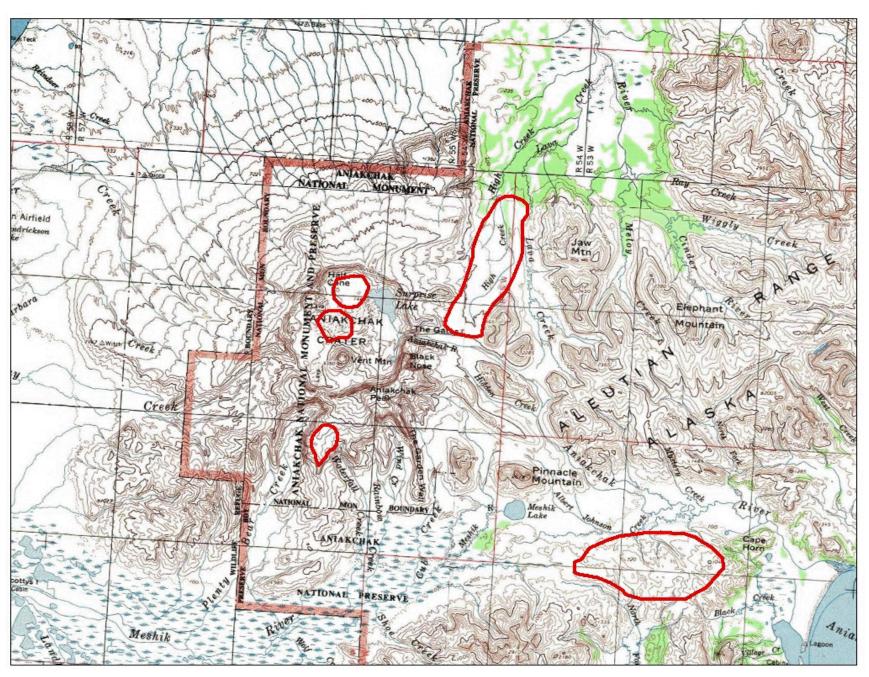
February 2005

Western Regional Climate Center
Desert Research Institute
Reno Nevada

In Cooperation with Great Basin Cooperative Ecosystem Studies Unit Task Agreement J8R07040002

Report WRCC 05-01

Aniakchak, Proposed Sites near Crater

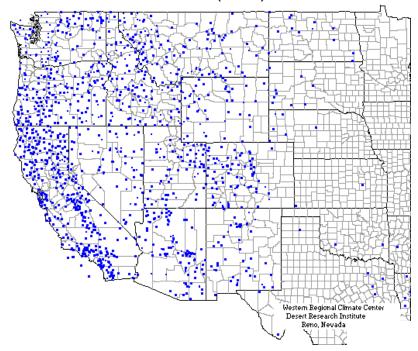


ftp.wrcc.dri.edu/npsak/report/swanreportfinal.pdf
ftp.wrcc.dri.edu/npsak/photodocumentation.ppt or pdf

National Weather Service Cooperative Network



Approximately 5000 daily max/min temperature stations, 8000 daily precipitation stations, 3000 automated hourly precipitation stations.

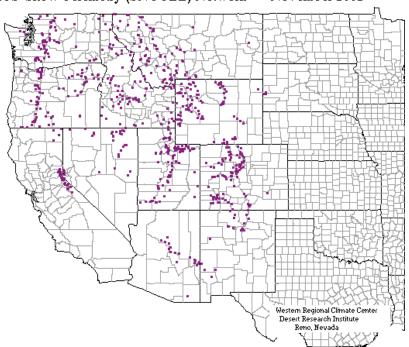


Remote Automated Weather Stations RAWS

1100 Active 700 Inactive

NRCS Snow Telemetry (SNOTEL) Network - November 2002

Snowfall Telemetry
SNOTEL
700 Active



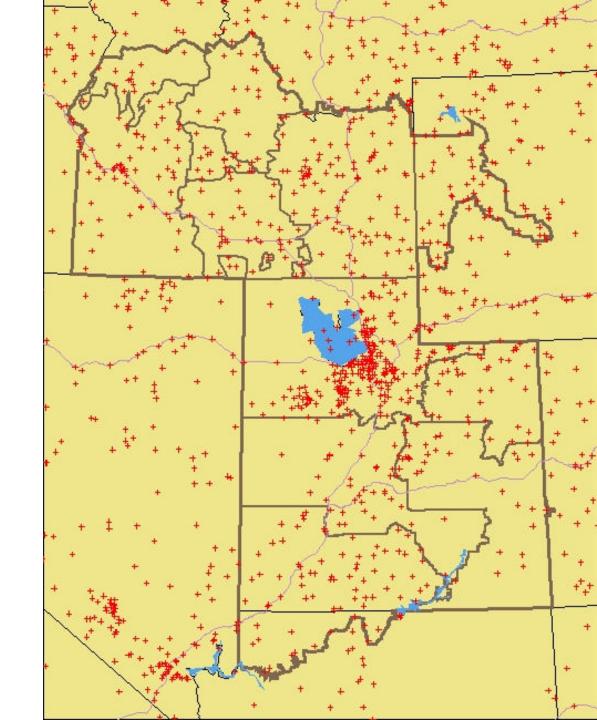
Eastern Great Basin.

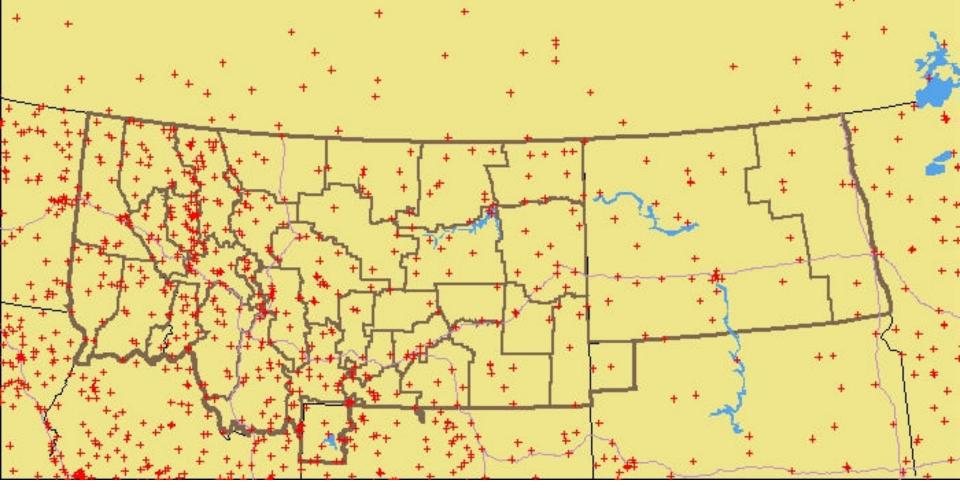
Stations captured by

Mesowest

Notes:

- 1) These are all automated stations
- 2) Many are weather stations, not climate stations





Northern Rockies.

Stations captured by

Mesowest

Notes:

- 1) These are all automated stations
- 2) Many are weather stations, not climate stations





South Central Sierra Snow Lab

East

Photo: Dave Simeral



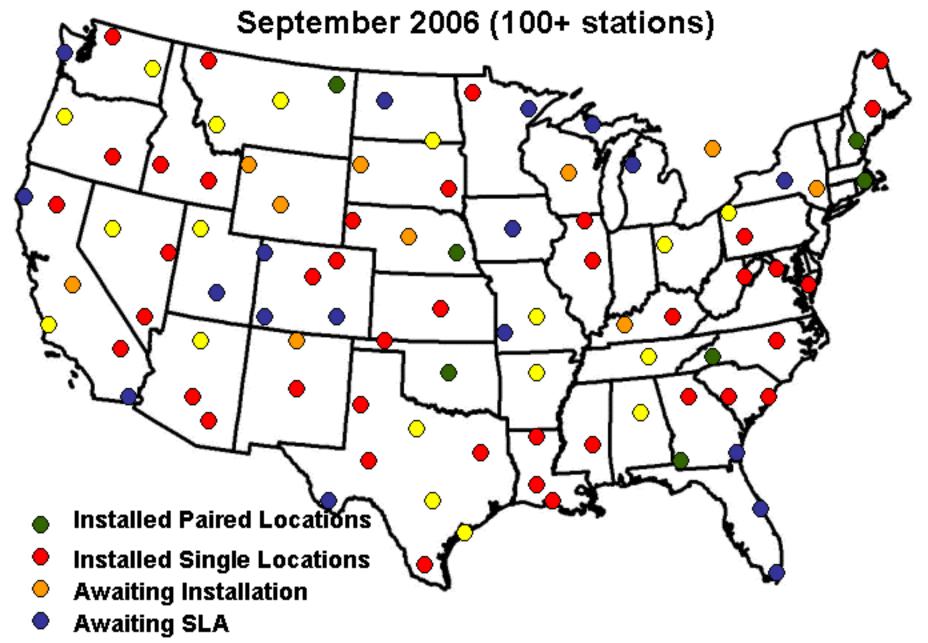




CA Stovepipe Wells 1 SW, Death Valley National Park (Stovepipe Wells Site) 36.6 N 117.1 W 80'

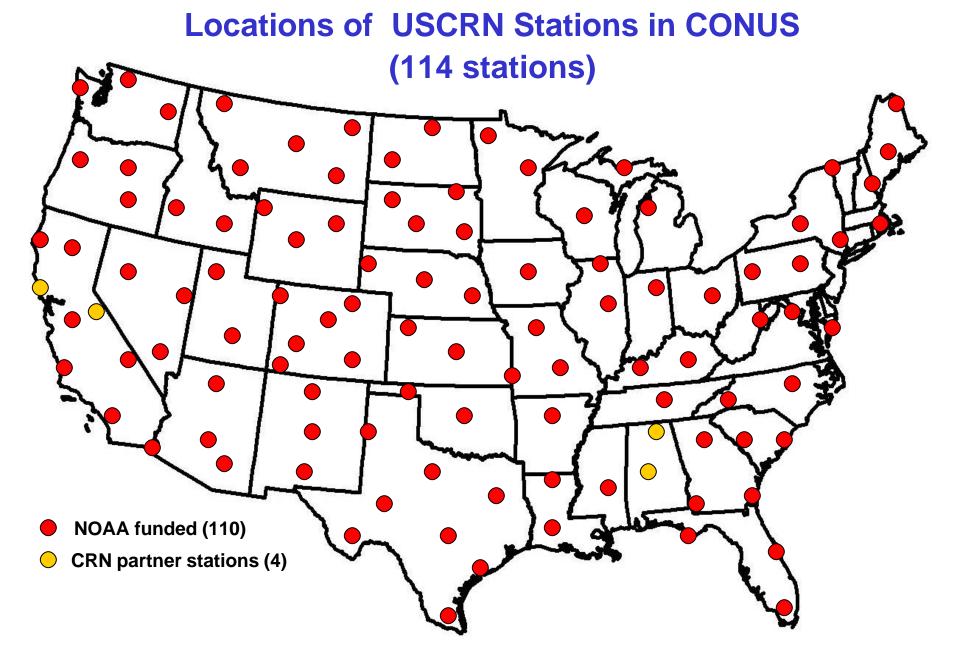


Location of 100-station USCRN in CONUS



Awaiting Review/Survey

As of May 13, 2004



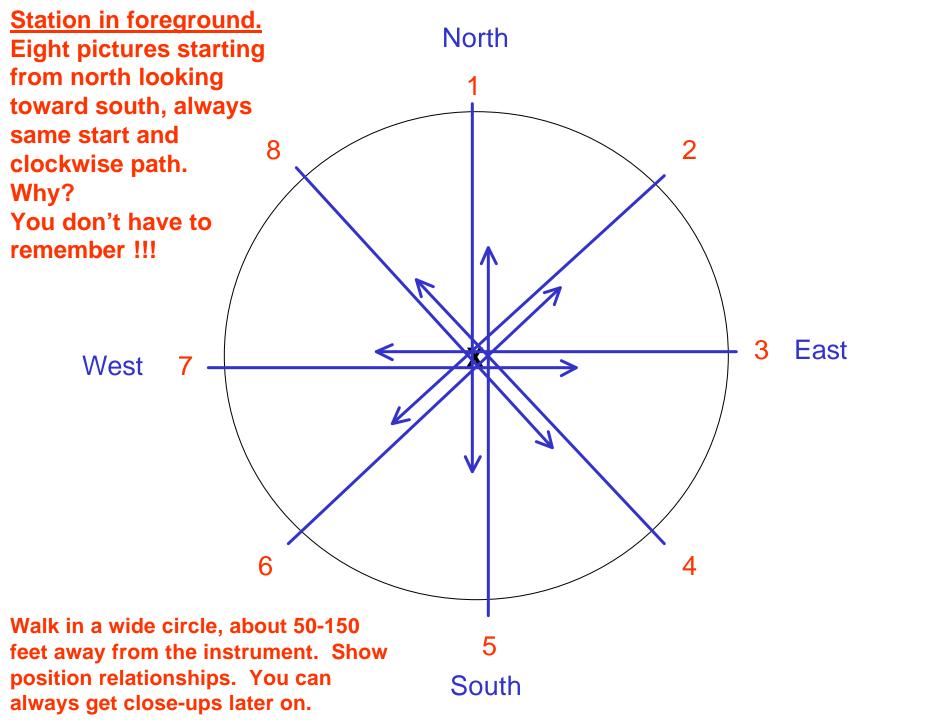
Photographic Documentation of Long-Term Climate Stations

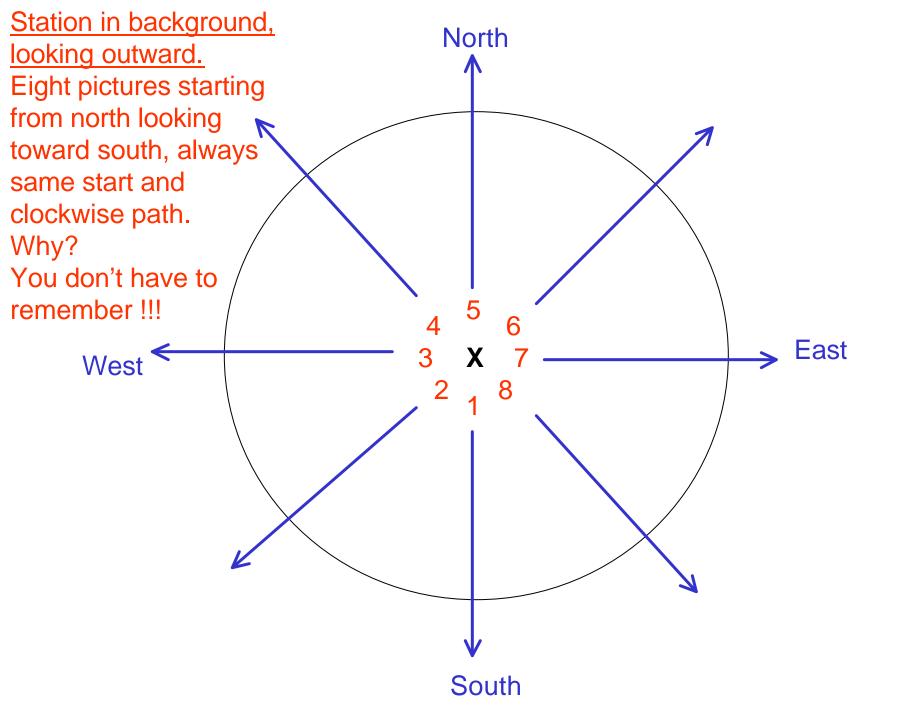
Draft Draft Draft

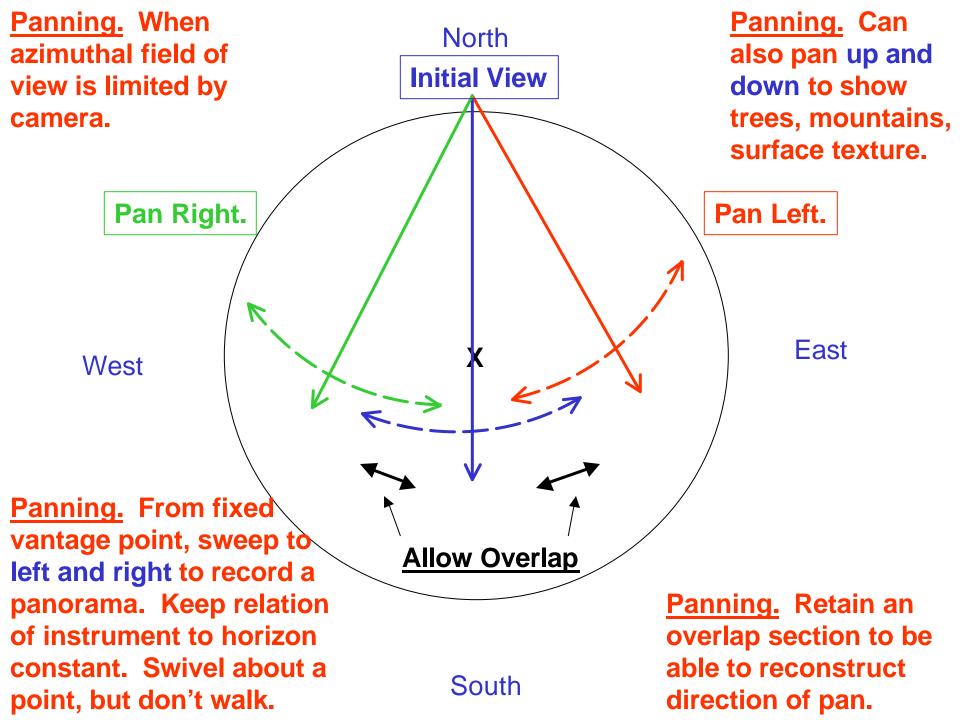
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Version 20040725 [finalized later, 20040815]







What cameras do not record, at all or very well:

- Your state of mind.
- Anything outside the field of view.
- What is behind, beside, above, or below you.
- The full brightness range routinely discerned by the human eye.
- Shadow details.
- Highly contrasty situations, such as looking toward the sun.
- Depth. 3 dimensions will be recorded on a 2-dimensional medium.
- What happened prior to, or after, the shutter is snapped.
- Shaded detail in bright sunlight, or with snow-covered ground.
- Dark areas, when brighter conditions influence the light meter.
- The fact that you are standing in a marsh or a mud pit or on bare rock.

RAWS USA Climate Archive

NOTE:

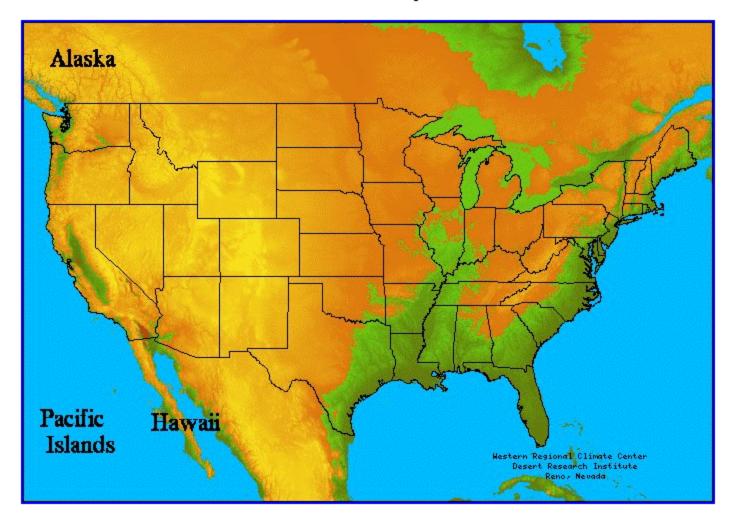
The following pages are still under construction.

Stations and historical data are still being added to the archives.

Several products are also being developed and will be added as they are completed.

Best viewed with 800 X 600 or greater screen resolution.

State Selection Map



RAWS sites

Bear River Utah

Cart Creek

Chepeta Utah

Diamond Rim

Hewinta

Kings Point - Dutch John 16ESE

Little Mountain - Vernal 10NW

Monte Cristo - Ogden 5SW

Norway - Kamas 10 W

Norway - Izanias 10

Otter Creek Utah

Sage Creek

Goslin Creek - Ashley BAER Utah

Ute Lookout

West Fork - Hanna 11NW

Yellowstone - Altamont 13NNW

Chausse Idaho

Diamond Flat Idaho

Getch Hollow Idaho

Grays Lake Idaho

Island Park Idaho

Moody Idaho

Pine Creek Pass Idaho (Teton Cty)

Dinosaur N.M. Colorado

Dry Lake Colorado

Great Divide Colorado

Harpers Comer Colorado

Ladore Colorado

November 01 Colorado

Redstone Colorado

Red Feather Colorado

Willow Creek Colorado

Bighom Mountain Montana

Bradshaw Creek Montana

Britton Springs Montana

Fishtail Montana

Fort Howes Montana

Four Mile Montana

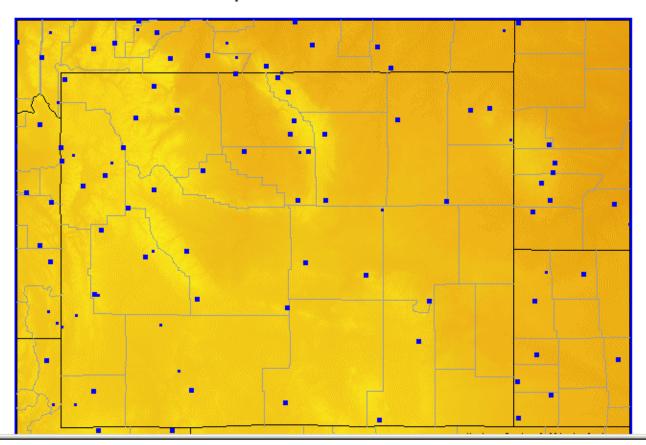
Hackberry Creek Montana

Select a site by placing mouse cursor over a site. Site name will appear in location box below the map if browser supports javascript1.1. Click site to go to graphing options.

Large boxes indicate stations that had reported during the month when these maps were last generated. Small boxes indicate inactive or removed stations.

Map last generated on 12/16/04.

If a location has multiple stations or more than one platform in the near vicinity, overlapping boxes may create difficulty when selecting from the map. Select from the list to the left in such cases.



Location: Move Mouse to a location on the map.

Select a site by placing mouse cursor over a site. Site name will appear in location box below the map if browser supports javascript1.1. Click site to go to available products list.

Back to:



NOTE:

To print data frame (right side), click on right frame before printing.

- Daily Summary
- Daily Summary (with Wind Chill and Heat Index)
- Monthly Summary
- Monthly Summary (w/ Et data)
- Graph of last 7 days
- Time Series Graph
- Wind Rose Graph and Tables
- Wind Stability/Wind Rose Graph and Tables
- Hourly Frequency Distribution/Histogram
- Data Lister
- Data Inventory (Monthly Graphic)
- Station Metadata
- Current 7-day forecast (NWS) (May not work correctly for some Central

and Southern U.S. states.)



Western Regional Climate Center, wrcc@dri.edu

Quadrant Wyoming

BOLD, Red indicates some data available for month and year.

2005 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec

2004 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec

2003 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec

2002 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec

2001 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec

2000 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec

2000 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec

1999 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec

1998 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec

1996 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec

1995 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec

Back to:



NOTE:

Fo print data frame (right side), click on right frame before printing.

- Daily Summary
- Daily Summary (with Wind Chill and Heat Index)
- · Monthly Summary
- Monthly Summary (w/ Et data)
- Graph of last 7 days
- Time Series Graph
- Wind Rose Graph and Tables
- Wind Stability/Wind Rose Graph and Tables
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- Station Metadata
- Current 7-day forecast (NWS) (May not work correctly for some Central

and Southern U.S. states.)



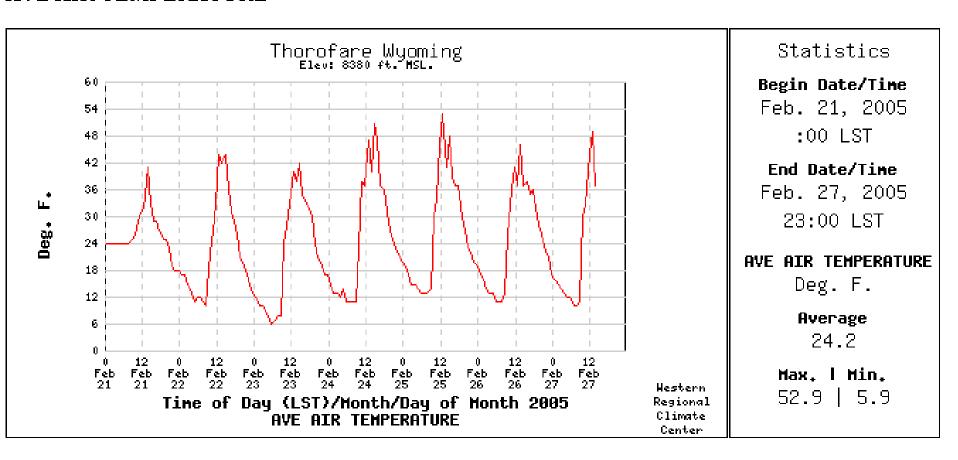
Western Regional Climate Center, wrcc@dri.edu

Thorofare Wyoming

BOLD, Red indicates some data available for month and year. 2005 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec 2004 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec 2003 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec 2002 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec 2001 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec 2000 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec 1999 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec 1998 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec 1997 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec 1996 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec 1995 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec 1994 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec 1993 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec 1992 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec 1991 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec 1990 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec 1989 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec

Thorofare Wyoming

AVE AIR TEMPERATURE



Thorofare Wyoming

Latitude : 44° 09' 30" N Longitude : 110° 05' 00" W

Elevation: 8380 ft. Report Generated on: Feb. 27, 2005 Start Date: Feb. 1, 1989 End Date: Feb. 28, 2005 # of Days: 496 of 5872 # obs: poss: 6635 of 11904 Sub Interval Windows
Start End
Month Mar. Mar.
Day 01 31
Hour 00 23

Average Air Temperature

Percent of Hourly Observations

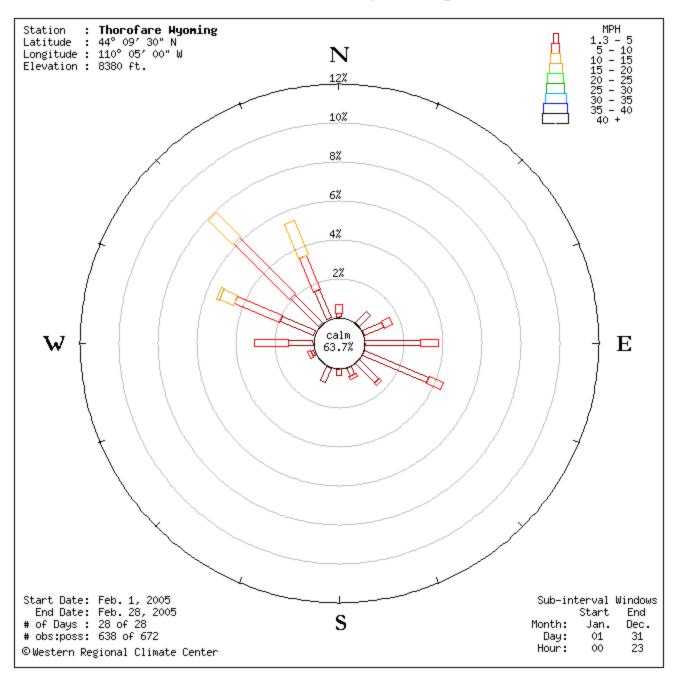
Greater than or equal to initial interval value and Less than ending interval value.

Range										Ηοι	ır of	day (L.S.T	ſ.)											
DegF	1 am	2 am	3 am	4 am	5 am	6 am	7 am	8 am	9 am	10 am		12 pm	1 pm	2 pm	3 pm	4 pm	5 pm	б pm	7 pm	8 pm	9 pm	10 pm	11 pm	12 am	
-15 to -12	2						0.4	0.4																	0.0
-12 to -9			0.4	0.4	0.4	0.4																			0.1
-9 to -6	0.4	0.4	0.4	0.4	0.4	0.7	0.7	0.4																	0.2
-6 to -3		0.4	0.4	0.4	0.4			0.4														0.4	0.4	0.4	0.1
-3 to 0	1.1	1.1	0.7	1.1	1.1	1.8	3.0	1.8	0.4												0.4		0.4	1.1	0.6
0 to 3	1.4	1.5	2.2	2.9	3.0	3.3	2.2	2.2	0.7											0.4		0.7	1.1	0.7	0.9
3 to 6	1.8	2.9	3.3	3.3	4.1	3.3	3.3	2.2	2.9	0.4									0.4	0.7	1.8	1.4	1.1	2.5	1.5
6 to 9	4.3	4.7	4.7	5.1	4.8	6.3	7.0	5.5	1.8	1.1	0.4								1.4	1.8	0.7	1.8	2.9	3.3	2.4
9 to 12	6.2	6.2	6.6	6.2	7.4	7.0	8.1	7.7	4.4	1.8	0.4						0.4	0.7	1.8	2.2	4.3	5.0	5.5	5.4	3.6
12 to 15	8.0	8.0	9.5	8.8	9.6	10.0	10.0	8.4	5.1	4.0	0.7	0.4				0.4	1.1	3.6	3.9	4.7	4.7	5.0	5.5	7.2	4.9
15 to 18	11.2	11.6	12.0	13.5	12.5	12.5	11.1	12.4	8.0	2.9	2.9	2.5	1.1	1.1	1.1	2.2	3.2	4.7	5.0	6.8	10.8	10.0	12.1	13.0	7.6
18 to 21	14.5	14.5	12.8	12.4	14.4	13.3	12.6	12.8	10.6	5.5	5.0	2.5	2.9	2.5	2.8	3.9	5.0	4.3	9.3	11.5	10.4	12.9	11.7	11.6	9.1
21 to 24	11.2	14.2	16.1	15.0	12.9	12.5	14.4	12.4	14.2	13.6	3.9	4.3	3.6	4.6	3.6	3.2	3.9	8.6	11.4	13.3	12.9	13.3	12.1	13.0	10.3
24 to 27	17.0	15.6	13.9	14.6	13.7	14.0	12.2	14.6	14.6	11.0	9.6	6.0	4.3	2.8	5.7	10.4	10.0	13.7	13.6	12.2	13.7	14.0	16.8	17.4	12.1
27 to 30	10.5	8.0	7.7	7.7	8.9	8.1	7.0	6.2	13.5	16.5	11.4	7.5	7.1	8.5	10.3	9.0	10.8	11.9	13.2	16.2	15.1	16.8	15.0	12.0	10.8
30 to 33	7.6	6.2	5.5	5.5	3.3	3.7	4.1	5.5	10.6	15.0	16.1	13.2	13.9	11.7	11.7	14.7	17.2	15.1	12.5	14.0	12.2	9.7	7.7	7.2	10.2
33 to 36	2.9	3.3	1.8	1.1	1.5	0.7	0.7	3.3	4.0	7.7	10.7	12.8	13.2	11.0	14.9	8.6	10.8	9.0	13.2	9.7	9.7	6.1	5.1	3.3	6.9
36 to 39	1.4	0.7	1.1	1.1	1.1	0.7	1.5	1.1	2.6	8.1	12.1	10.7	8.9	10.7	9.6	12.5	10.4	10.8	6.1	4.7	1.4	2.5	1.5	1.1	5.1
39 to 42		0.4	0.7	0.4	0.4	0.7	1.1	1.8	4.4	5.5	7.5	12.1	8.2	11.4	10.0	8.2	9.7	9.0	6.8	1.1	1.4	0.4	0.7	0.4	4.3
42 to 45	0.4	0.4	0.4			0.7	0.4	0.7	1.5	2.9	7.5	7.5	11.1	10.7	7.8	10.4	10.0	5.4	0.7	0.7			0.4	0.4	3.4
45 to 48				0.4	0.4			0.4		1.8	2.9	4.6	7.1	6.4	8.5	8.6	3.9	2.2	0.7		0.4				2.0
48 to 51									0.4	1.5	3.9	5.0	7.1	6.8	7.5	4.7	2.2	0.7							1.7
51 to 54									0.4							2.5	1.4	0.4							1.2
54 to 57										0.4	1.1					0.7									0.6
57 to 60											1.4	1.1	2.5												0.3
60 to 63											0.4	1.1			0.4										0.1
63 to 66													0.4	0.4											0.0
Total # obs.	276	275	274	274	271	271	270	274	274	273	280	281	280	281	281	279	279	278	280	278	278	279	273	276	6635
Average Deg F	21.2	20.5	19.9	19.5	19.2	18.8	18.6	20.2	24.5	29.3	34.3	37.4	38.7	38.9	37.5	35.8	33.6	30.9	27.9	25.9	24.8	23.7	22.9	21.7	27.0

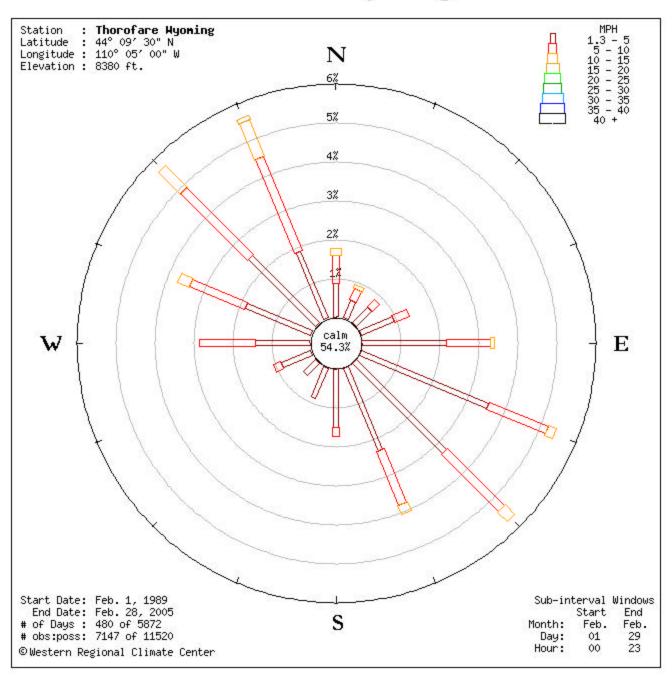
March 1989-2004

Hourly Frequency Distribution of Temperature

Thorofare Wyoming



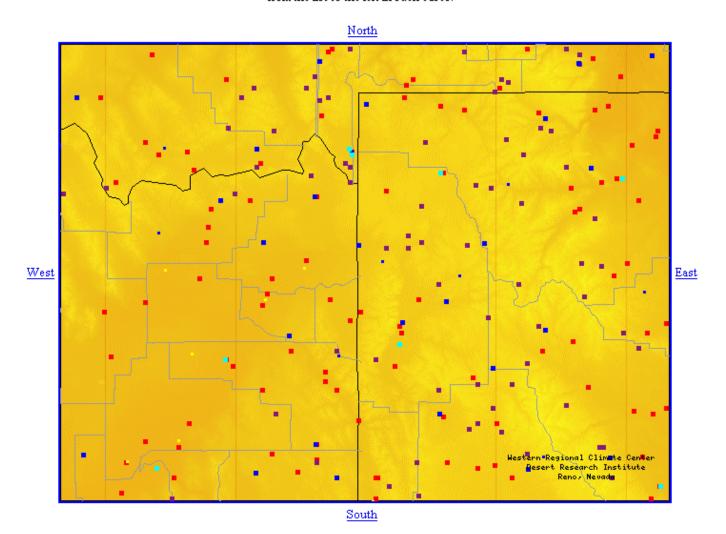
Thorofare Wyoming



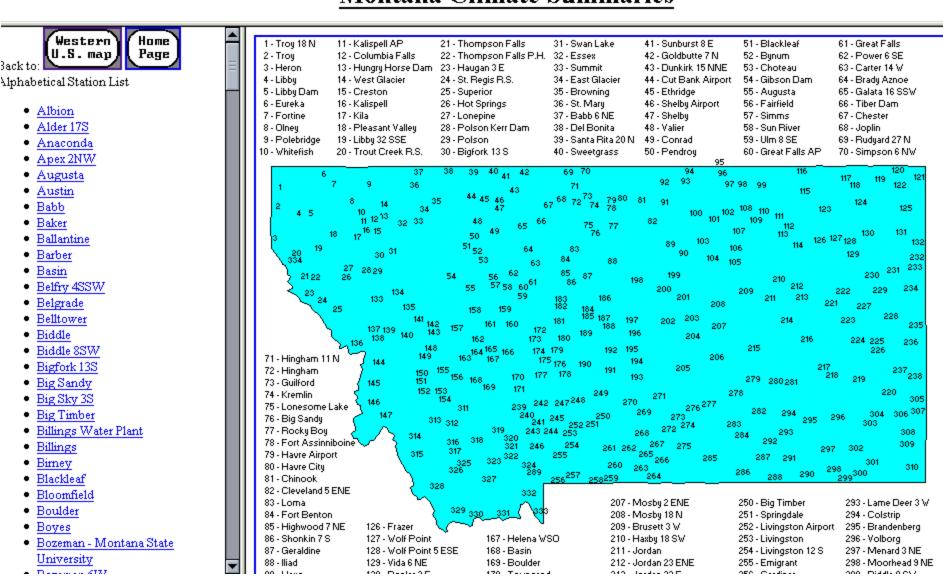
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Large boxes indicate stations that had reported during the month when these maps were last generated. Small boxes indicate inactive or removed stations.

Map last generated on 12/01/03. If a location has multiple stations or more than one platform in the near vicinity, overlapping boxes may create difficulty when selecting from the map. Select from the list to the left in such cases.



Montana Climate Summaries



General Climate Summary Tables

- Temperature
- Precipitation
- Heating Degree Days
- · Cooling Degree Days
- Growing Degree Days

Temperature

- · Daily Extremes and Averages
- · Spring 'Freeze' Probabilities
- · Fall 'Freeze' Probabilities
- 'Freeze Free' Probabilities
- Monthly Temperature Listings
 Average
 Average Maximum
 Average Minimum
 Extreme Maximum(*)
 Extreme Minimum(*)

Precipitation

- Monthly Average
- Daily Extreme and Average
- Daily Average
- Precipitation Probability by

Duration.

- Precipitation Probability by Ouantity.
- Monthly Precipitation Listings
 Monthly Totals
 Daily Extreme(*)

Snowfall

- · Daily Extreme and Average
- Daily Average

HEBGEN DAM, MONTANA (244038)

Period of Record Monthly Climate Summary

Period of Record: 7/1/1948 to 9/30/2004

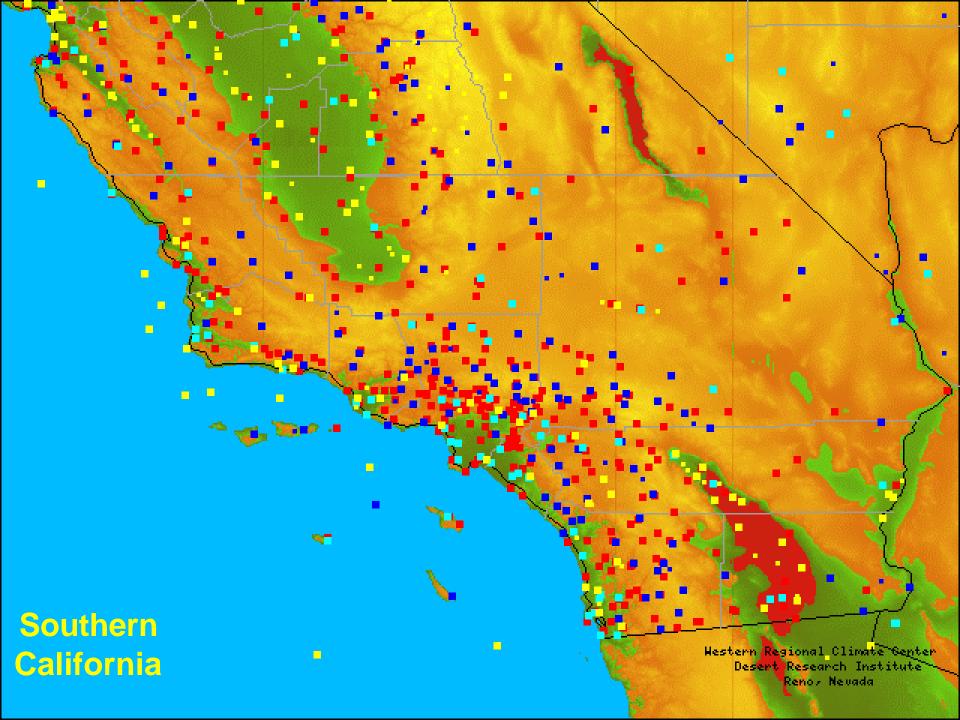
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
Average Max. Temperature (F)	21.9	27.8	36.4	46.6	59.0	68.7	78.2	77.1	66.8	52.0	33.4	22.8	49.2
Average Min. Temperature (F)	2.9	5.1	11.6	22.4	31.4	38.2	43.5	42.5	35.5	27.7	17.1	5.3	23.6
Average Total Precipitation (in.)	3.09	2.43	2.40	1.92	2.89	3.03	1.76	1.75	1.72	1.72	2.49	3.11	28.32
Average Total SnowFall (in.)	47.3	36.5	29.8	10.5	2.8	0.3	0.0	0.0	0.4	5.3	27.2	48.1	208.2
Average Snow Depth (in.)	28	35	36	19	1	0	0	0	0	0	5	17	12

Percent of possible observations for period of record.

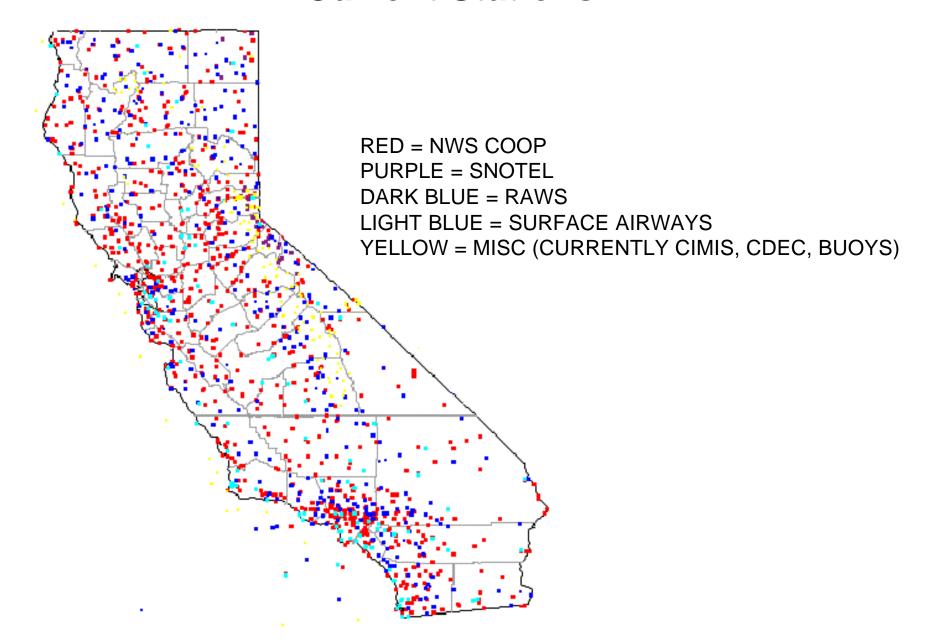
Max. Temp.: 95.7% Min. Temp.: 95.5% Precipitation: 97.8% Snowfall: 97.4% Snow Depth: 95.1%

Check Station Metadata or Metadata graphics for more detail about data completeness.

Western Regional Climate Center, wrcc@dri.edu



Current Stations



Climate Anomaly Maps and Tables

Western U.S., Arizona | California | Colorado | Idaho | Montana | Nevada | New Mexico | Oregon | Utah | Washington | Wyoming Updated Daily at around noon PST

Past Month (Most

recent 30-days)

30 days

30 days *

Past Two Weeks

(Most recent

14-days)

14 days

14 days *

Western U.S. Past 1/2 Year (Most Past 1 Year (Most

recent 6-months) recent 12-months)

Past 2 Years (Most Past 3 Years (Most

recent 24-months) recent 36-months)

Current

Since Jan. 1, Since Apr. 1, Since Jul. 1,

Month 2004 - Current 2003 - Current 2003 - Current

Jan. 1

Jan. 1 *

month

Current

month *

month *

Current

month *

Current

month *

Current

month *

Jul. 1

Jul. 1 *

<u>Jul. 1 *</u>

<u>Jul. 1 *</u>

Jul. 1 *

<u>Jul. 1 *</u>

Jul. 1 *

Jul. 1 *

Jul. 1 *

<u>Jul. 1</u> *

Jul. 1 *

<u>Jul. 1</u> *

<u>Jul. 1</u> *

Apr. 1

Apr. 1 *

Since Oct. 1, 2003

Current (Water

Year)

Oct. 1

Oct. 1 *

Past 3 Months

(Most recent

90-days)

90 days

90 days *

6 month

6 month *

Past 2 Months

(Most recent

60-days)

60 days

60 days *

Climate Anomaly Table Tabular Listing by site	7 days	14 days	<u>30 days</u>	<u>60 days</u>	<u>90 days</u>	6 month	12 month	24 month	36 month	Current Month	<u>Jan. 1</u>	<u>Apr. 1</u>	<u>Jul. 1</u>	Oct. 1
Max. Temperature	7 days *	<u>14 days</u> *	30 days *	<u>60 days *</u>	90 days *	6 month *	<u>12 month</u> *	24 month *	36 month *	Current month *	<u>Jan. 1 *</u>	<u>Apr. 1 *</u>	<u>Jul. 1 *</u>	Oct. 1 *
Max. Temperature departure from Average	7 days *	14 days *	30 days *	60 days *	90 days *	6 month *	12 month *	24 month *	36 month *	Current month *	<u>Jan. 1 *</u>	<u>Apr. 1 *</u>	<u>Jul. 1 *</u>	Oct. 1 *
Max. Temperature # Days >= 90F.	7 days *	<u>14 days</u> *	<u>30 days *</u>	<u>60 days</u> *	90 days *	6 month *	<u>12 month</u> *	24 month *	36 month *	Current month *	<u>Jan. 1</u> *	<u>Apr. 1 *</u>	<u>Jul. 1</u> *	Oct. 1 *
Ave. Temperature	<u>7 days *</u>	<u>14 days</u> *	30 days *	<u>60 days *</u>	90 days *	6 month *	12 month *	24 month *	36 month *	Current month *	<u>Jan. 1 *</u>	<u>Apr. 1</u> *	<u>Jul. 1</u> *	Oct. 1 *
Ave. Temperature w/averages	7 days *	<u>14 days</u> *	30 days *	<u>60 days</u> *	90 days *	6 month *	<u>12 month</u> *	24 month *	36 month *	Current month *	<u>Jan. 1</u> *	<u>Apr. 1</u> *	<u>Jul. 1</u> *	Oct. 1 *
Ave. Temperature departure from Average	7 days *	<u>14 days</u> *	<u>30 days *</u>	<u>60 days *</u>	90 days *	6 month *	12 month *	24 month *	36 month *	Current month *	<u>Jan. 1</u> *	<u>Apr. 1</u> *	<u>Jul. 1</u> *	Oct. 1 *
Min. Temperature	<u>7 days *</u>	<u>14 days</u> *	30 days *	<u>60 days *</u>	<u>90 days</u> *	6 month *	<u>12 month</u> *	24 month *	36 month *	Current month *	<u>Jan. 1 *</u>	<u>Apr. 1</u> *	<u>Jul. 1</u> *	Oct. 1 *
Min. Temperature departure from Average	7 days *	<u>14 days</u> *	<u>30 days *</u>	<u>60 days *</u>	90 days *	6 month *	<u>12 month</u> *	24 month *	36 month *	Current month *	<u>Jan. 1</u> *	<u>Apr. 1</u> *	<u>Jul. 1</u> *	Oct. 1 *
Min. Temperature # Days <= 32F.	7 days *	<u>14 days</u> *	<u>30 days *</u>	<u>60 days *</u>	90 days *	6 month *	12 month *	24 month *	36 month *	Current month *	<u>Jan. 1 *</u>	<u>Apr. 1 *</u>	<u>Jul. 1</u> *	Oct. 1 *
Precipitation	7 days *	<u>14 days</u> *	30 days *	<u>60 days *</u>	90 days *	6 month *	<u>12 month</u> *	24 month *	36 month *	Current month *	<u>Jan. 1 *</u>	<u>Apr. 1</u> *	<u>Jul. 1</u> *	Oct. 1 *
										~ .				

12 month

12 month *

24 month

24 month *

36 month

36 month *

Available for following periods:

Past Week

(Most recent

7-days)

7 days

7 days *

* - Contoured map with station values overlay

Precipitation w/averages

Precipitation departure

from Average Precipitation percent of

Precipitation

Precipitation

Days > 0.10"

Precipitation

Days > 0.25"

Precipitation

Days > 1.00"

Heating Degree Days

Heating Degree Days

Cooling Degree Days

Cooling Degree Days

Growing Degree Days

Growing Degree Days

base 40

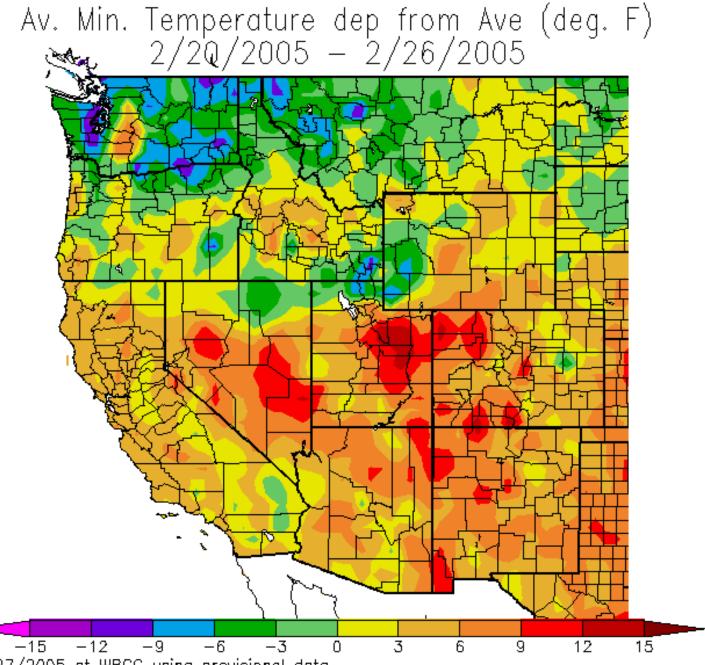
base 50

Departure from Average

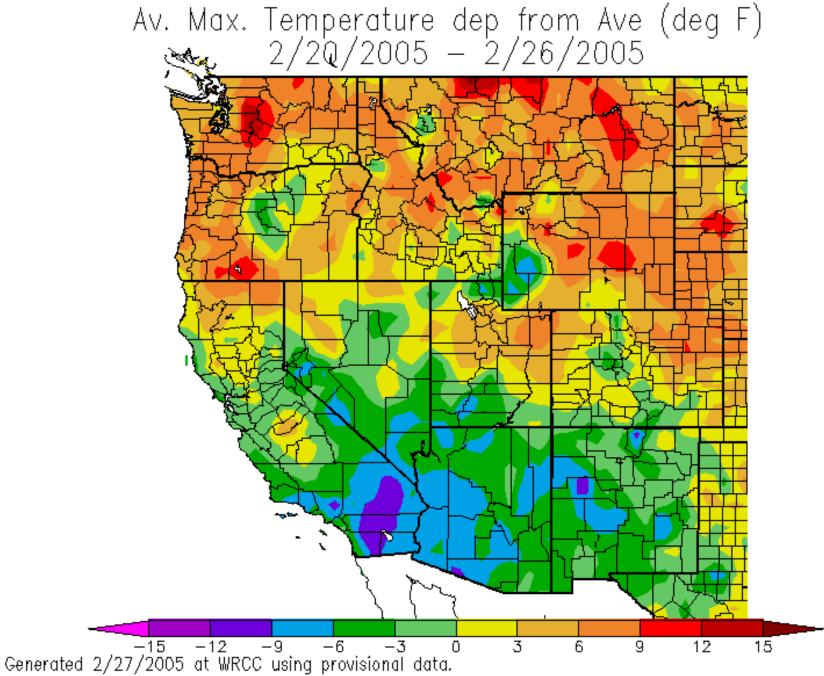
departure from Average

Days > 0.01"

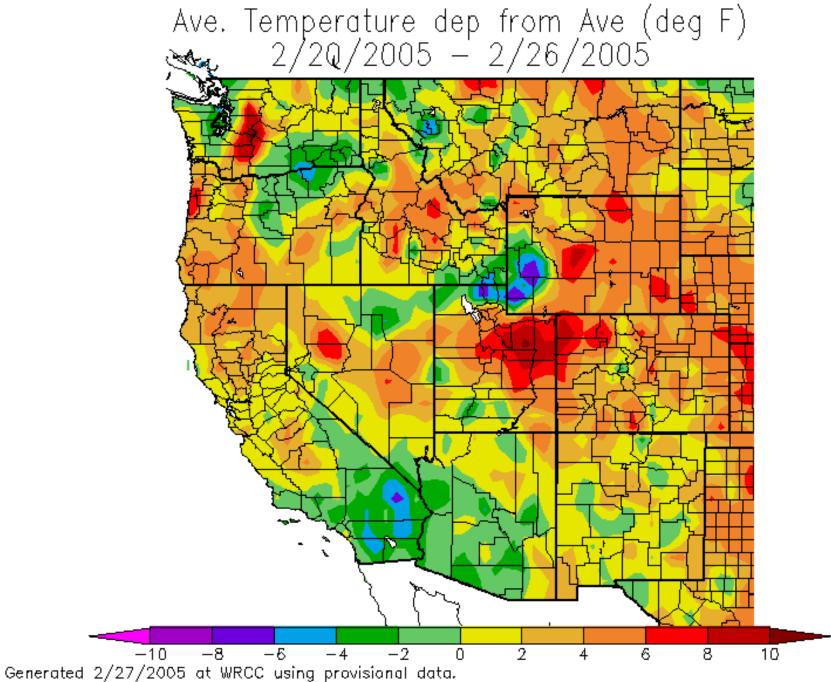
Average



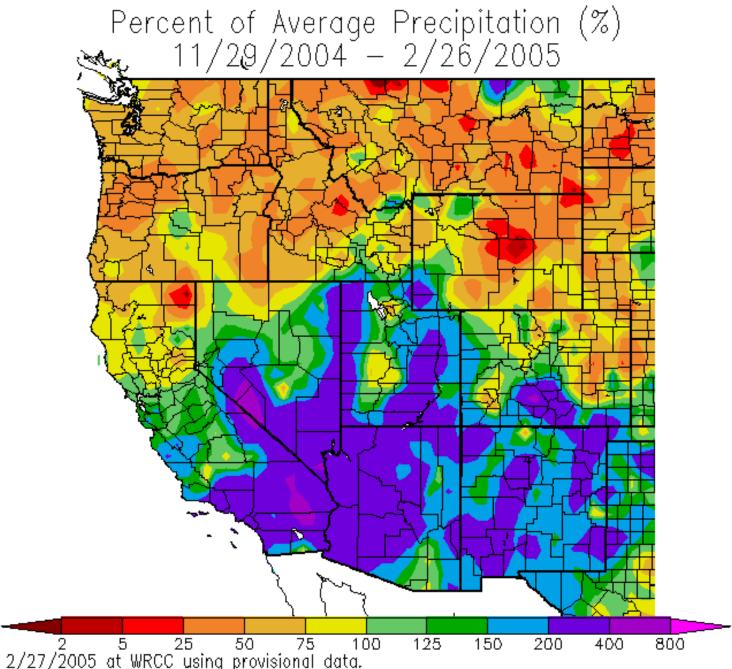
Generated 2/27/2005 at WRCC using provisional data.
NOAA Regional Climate Centers



NOAA Regional Climate Centers



NOAA Regional Climate Centers



Generated 2/27/2005 at WRCC using provisional data.
NOAA Regional Climate Centers

